

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78449

Yuko SAKATA, et al.

Appln. No.: National Stage of PCT/JP2004/016698

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: May 5, 2006

Examiner: Unknown

For: CURABLE POLYESTER HAVING AN OXETANYL GROUP AT END AND PROCESS
FOR PREPARAING THE SAME, RESIST COMPOSITION, JET PRINTING INK
COMPOSITION, CURING METHODS AND USES THEREOF

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

INFORMATION DISCLOSURE STATEMENT
Appln. No.: National Stage of PCT/JP2004/016698
Attorney Docket No. Q78449

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/016698 dated January 31, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: English language abstracts, submitted herewith, constitute concise statements of relevance for WO 02/077058 and WO 02/064662.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

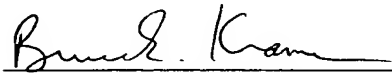
INFORMATION DISCLOSURE STATEMENT

Appln. No.: National Stage of PCT/JP2004/016698

Attorney Docket No. Q78449

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Bruce E. Kramer

Registration No. 33,725

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: May 5, 2006

| | | | | | |
|--|-------------------------------|--|--|------------------------------------|-------------------------------------|
| Substitute for Form 1449 A & B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if known 10/578494 | |
| | | | | Application Number | National Stage of PCT/JP2004/016698 |
| | | | | Confirmation Number | Unknown |
| | | | | Filing Date | May 5, 2006 |
| | | | | First Named Inventor | Yuko SAKATA |
| | | | | Art Unit | Unknown |
| | | | | Examiner Name | |
| Sheet 1 of 2 | Attorney Docket Number Q78449 | | | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|-----------------------------------|-----------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| | | US 2002/0076539 | A1 | 06/20/2002 | SHIGEO NAKAMURA, ET AL |
| | | US 6,190,833 | B1 | 02/20/2001 | ATSUSHI SHIOTA, ET AL |
| | | US 2002/0103330 | A1 | 08/01/2002 | AKIRA KURIYAMA, ET AL |
| | | US 3,278,554 | A | 10/11/1966 | PETER STARK BERNARD |
| | | US 2003/022958 | A1 | 01/30/2003 | TAKEO WATANABE, ET AL |
| | | US 2,764,575 | A | 09/25/1956 | RUDOLF KOEHLER, ET AL |
| | | US 6,297,329 | B1 | 10/02/2001 | KEIMPE JAN VAN DEN BERG, ET AL |
| | | US | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|--------------------------------------|-----------------------------|---|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | JP | 9-208674 | A | 08/12/1997 | KANSAI PAINT CO. LTD. | |
| | | WO | 02/077058 | A1 | 10/03/2002 | TAIYO INK MANUFACTURING CO., LTD. | Abstract |
| | | WO | 02/064662 | A1 | 08/22/2002 | KANAGAWA UNIVERSITY and TAIYO INK MANUFACTURING CO., LTD. | Abstract |
| | | EP | 1 276 011 | A1 | 01/15/2003 | KANAGAWA UNIVERSITY and TAIYO INK MANUFACTURING CO., LTD. | |
| | | EP | 1 035 760 | A2 | 09/13/2000 | SUMITOMO BAKELITE COMPANY LIMITED | |
| | | JP | 8-143806 | A | 06/04/1996 | TOA GOSEI CHEM. IND. LTD. | |
| | | EP | 1 367 874 | A2 | 12/03/2003 | ULTRATERA CORPORATION | |
| | | WO | 02/36660 | A1 | 05/10/2002 | PERSTORP SPECIALTY CHEMICALS AB | |
| | | EP | 1 302 499 | A2 | 04/16/2003 | BROTHER KOGYO KABUSHIKI KAISHA | |
| | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| | | DATABASE WPI SECTION CH, WEEK 199742, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A14, AN 1997-454033, XP002314180 for JP-A-9-208674 (August 12, 1997) | |
| | | DATABASE WPI SECTION CH, WEEK 200278, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A89, AN 2002-723524, XP002314181 for WO 02/077058 A1 (October 3, 2002) | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

IAP12 Rec'd PCT/PTO 05 MAY 2006

| | | | | | |
|---|---|----|---|--------------------------|--|
| Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i> | | | | <i>Complete if Known</i> | |
| | | | | Application Number | National Stage of PCT/JP2004/016698 |
| | | | | Confirmation Number | Unknown |
| | | | | Filing Date | May 5, 2006 |
| | | | | First Named Inventor | Yuko SAKATA |
| | | | | Art Unit | Unknown |
| Examiner Name | | | | Attorney Docket Number | Q78449 |
| Sheet | 2 | of | 2 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|-----------------|--------------------------------------|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² (if known) | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |
| | | US | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|------------------------------|---------------------|--------------------------------------|--------------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| | | DATABASE WPI SECTION CH, WEEK 200271, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A23, AN 2002-666993, XP002314182 for WO 02/064662 A1 (August 22, 2002) | |
| | | DATABASE WPI SECTION CH, WEEK 199632, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A97, AN 1996-319138, XP002314183 for JP-A-8-143806 (June 4, 1996) | |
| | | DATABASE WPI SECTION CH, WEEK 200009, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A26, AN 2000-102212, XP002314184 for JP-A-11-343346 (December 14, 1999) | |
| | | VICTOR BULACOVSKI, ET AL, "SUBSTITUTED OXETANES IN POLYMER SYNTHESIS. II ¹ POLYESTERS BASED ON 3,3-BIS(CHLOROMETHYL) OXACYCLOBUTANE AND POTASSIUM TEREPHTHALATE", REVUE ROUMAINE DE CHIMIE, Vol. 40, No. 7/8, 1995, pages 737-741, XP002908078 | |
| | | DATABASE WPI SECTION CH, WEEK 200331, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A14, AN 2003-318784, XP002314185 for JP-A- 2003/002958 (January 8, 2003) | |
| | | DATABASE WPI SECTION CH, WEEK 199540, DERWENT PUBLICATIONS LTD., LONDON, GB; CLASS A89, AN 1995-309333, XP002314186 for JP-A-7-207206 (August 8, 1995) | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.